

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter Chambers, Joseph James Judkins III
Assignee: Micrel Inc.
Title: Numerical Value Conversion Using a Saturation Limited Arithmetic
logic Unit Supporting Variable Resolution Operands
Serial No.: 10/759,988 Confirmation No.: 8327
Examiner: Chuong D. Ngo Group Art Unit: 2193
Docket No.: MIC-M097 Filing Date: January 15, 2004

San Jose, California
October 15, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed July 31, 2007, Applicant submits the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.